

RADIO INTERFACE CARD

G7-SELCALL

Radio interface card for connecting system centrals GE 200 and GE 700 to selective-call radio systems with 5-tone-selective call. Fully automatic repeat tone coding and decoding via ZVEI, optionally CCIR. With the G7-SELCALL interface card each intercom station corresponds to an operating base of the radio station.



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Radio Interface Card

G7-SELCALL

The G7-SELCALL radio interface card allows connection of selective call radio systems to intercom systems. Thanks to these cards intercom stations function as low-cost base stations of the radio system. All authorized stations can listen and talk into the radio when necessary. The included G7-V24-PRO interface

card allows the protocol adjustment (programming of the selective codes for the 5-tone-selectiv tone generator / -evaluator for incoming and outgoing conversations) to the radio system. 5-tone principle with ZVEI standard available, CCIR or other standards available on demand.



1. G7-SELCALL

Radio-interface card for connecting system centrals GE 200 and GE 700 to selective-call radio systems with 5-tone principle.

1. GEAK 700

Installation board for interface card G7-SELCALL with pluggable screw-terminals.

1. G7-V24-PRO

Programmable V24-card with two RS 232, of which one is used as interface to the G7-SELCALL.

1. GEAV 700

Installation board for interface card G7-V24-PRO with two 9-way D-Submin plugs for RS 232 and pluggable screw-terminals for RS 422.

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Technical Data - Benefits

G7-SELCALL

TECHNICAL DATA

Operating temperature range:	0°C bis +50°C (32° F to 122° F)
Storage temperature range:	-30°C bis +60°C (-22° F to 140° F)
Relative humidity:	20% to 80%
Power supply:	from central
Emergency power consumption:	140 mAh/h
Calling system:	ZVEI (CCIR on demand)
Repeat tone generation:	automatic
Bandwidth of generator:	+/- 1 %
Bandwidth of receiver:	+/- 2 %
Evaluation time:	70 ms +/- 10 ms with ZVEI-standard 100 ms +/- 10 ms with CCIR-standard
Evaluation sensitivity:	greater than 30 % of the nominal stroke
Reset time after evaluation:	150 ms
Abmessungen:	100 x 167 mm (3.94 x 6.58 in)
Weight including package:	1010 g (2.2 lbs)

SYSTEM REQUIREMENTS

GE 200

- Central software min Pro 04.7D, for programming the corresponding configuration tool (minimum TE 700 version 4.7D) is required.
- For a central GE 200 an interface housing GEI 200 is required (both slots are used by G7-SELCALL and G7-V24-PRO).
- 1 subscriber of a G2-GET-4D.
- In each GE 200, in which a G7-SELCALL is used, a least one link card G2-GEK2-3 is required.

GE 700

- Central software min Pro 04.7D, for programming the corresponding configuration tool (minimum TE 700 version 4.7D) is required.
- In the GE 700 two slots are used (for G7-SELCALL and G7-V24-PRO).
- 1 subscriber of a G7-GET-4D
- In each GE 700, in which a G7-SELCALL is used, at least one G7-GEK3-4 is required.

Attention: two slots in the central are used (for G7-SELCALL and G7-V24-PRO)

BENEFITS

- Radio interface card in euro-card format
- G7-V24-PRO for adjusting of protocols included in the extent of supply
- Suitable for system centrals GE 700 and GE 200 (for centrals GE 200 an interface housing GEI 200 is required)
- A maximum of four G7-SELCALL interface cards possible per GE 700 system central
- One G7-SELCALL interface card per GE 200 system central
- Connection to an intercom subscriber, requires feature level "D"
- Connection of selective-call radio systems with 5-tone-selective call to intercom systems
- Selective dialling to a subscriber via the last three digits of the 5-tone sequence
- Possibility of initiating All Calls and Group Calls via radio
- Range check from a mobile unit
- Separate selective code for door opening
- Call from and to radio-simplex standard, semi duplex-solutions possible via software
- 5-tone principle with ZVEI standard available, CCIR or other standards available on demand

EXTENT OF SUPPLY

- 1 G7-SELCALL (radio interface card)
- 1 GEAK 700 (installation board for G7-SELCALL)
- G7-V24-PRO (V24-card with loaded driver for G7-SELCALL)
- GEAV 700 (installation board for G7-V24-PRO)
- 1 KABSELCALL (connection cable between G7-SELCALL and G7-V24-PRO)
- 1 CD „Software & Manuals“

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Installation

PRECAUTIONS

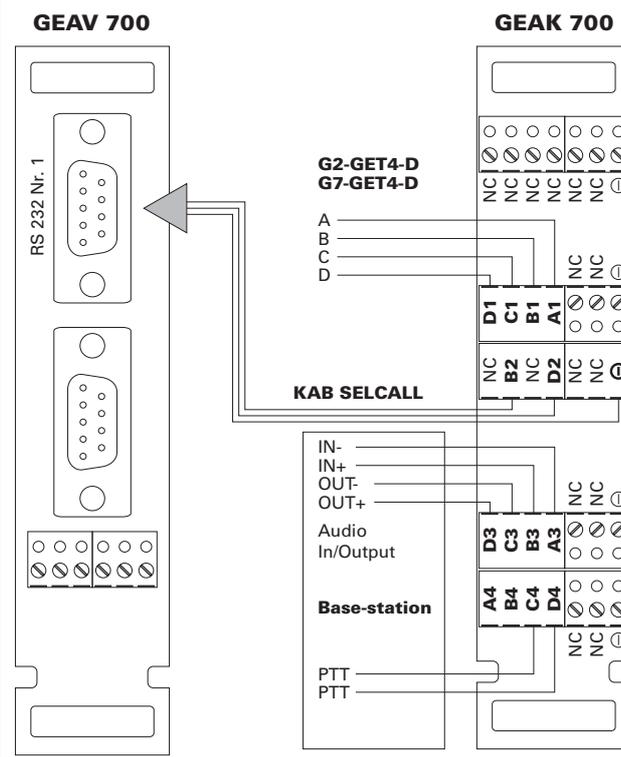
- ESD precautions must be observed.
- Cards may be exchanged only with voltage switched off.
- Mounting and installation of the centrals and of the equipment may be carried out by authorised service personnel only.

INSTALLATION

- For connection of the G7-SELCALL the installation board GEAK 700 must be used.
- For connection of the G7-V24-PRO the installation board GEAV 700 must be used.
- In a central GE 700 the card can be installed in the slots 1-12 or A of the central (a maximum of 4 cards per housing).
- The G7-V24-PRO can be installed in the slots 1-12, A or B.
- In a central GE 200 the card can be installed in the slots 9 or 10 of the central (interface housing GEI 200 required, the second slot is occupied by the G7-V24-PRO).

G7-SELCALL

CONNECTION DIAGRAM GEAV 700 AND GEAK 700



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